

From: [Ruhl, Christopher](#)
Subject: R6 Daily Ops Report (1/3/2017) Amarillo Phosphine and Elmo Chlorine Incident updates included
Date: Tuesday, January 3, 2017 8:45:45 AM

R6 Daily Ops Status Report

Current Status (6:45 AM CST on 1/3/2017)

Personnel

R1:	Enders	Outposted OSC's	
Tel Duty:	Ruhl	Houston, TX/Zehner	Available

Available OSC's:

Adams	Adams	Bernier
Brescia	Delgado	Delgado
Enders	Fife	Foster
Guidry	Hayes	Rinehart
Smalley	Todd	

Unavailable OSC's:

Baxter	Martin	Mason
McAteer	Moore	Rhotenberry
Smith		

Reported Activities (1/2/2017 8:00:00 AM CST - 1/3/2017 6:44:00 AM CST)

Spill Notifications

State	Oil	Haz	Rad	Other	
AR	0	0	0	0	
LA	0	1	0	0	
NM	0	0	0	0	
OK	0	0	0	0	
TX	2	4	0	0	
Total	2	5	0	0	= 7

Significant Events

Date: 2017/01/03 **Time:** 01:03 **Type:** Spill Report (DataID: 2078590)

Incident: Amarillo Phosphine Incident

Location: Amarillo, TX

Description: The incident occurred when a resident applied a restricted use pesticide, an aluminum phosphide fumigant, under the house to address a pest problem. The application created strong odors in the house and the resident attempted to wash the material away using water. Aluminum phosphide, when mixed with water, creates phosphine gas, which is toxic and may ignite spontaneously in air. Four children residing at the property died as a result of exposure to the phosphine gas, and six other residents of the property were hospitalized. Ten first responders from the police, fire, and medical response departments were also taken to the hospital as a precautionary measure, but have not shown any symptoms of illness.

Upon arrival, EPA conducted air monitoring within the nearby community. All air monitoring was non detect. There are 4 homes located east of the residence affected. The police have established a 100 ft perimeter with

caution tape around the house. EPA has not conducted any air monitoring within the affected residence.

EPA, TCEQ, Department of Health, Poison Control Center and ATSDR have been assisting.

Aluminum phosphide is a EPA "restricted use" pesticide. It is not for residential use.

Date: 2017/01/03

Time: 00:58

Type: Spill Report (NRC#: 1167659)

Incident: Elmo Chlorine incident

Location: ELMO, TX (KAUFMAN County)

Description: The Kaufman County Emergency Manager notified the NRC that there was a slow chlorine release at the Elmo Water Tower. The release is from a 150 lb chlorine cylinder. 7 nearby homes are under a voluntary evacuation. Not all of the residents have evacuated. The chlorine distributor has been notified and are believed to be mobilizing a crew with an over pack to secure the release. Upon arrival, EPA's contractors will provide air monitoring support to the County to assist with evacuation decisions.

EPA contractor's arrived on scene as the cylinder was being transported off site. Contractors performed air monitoring within the community. No evidence of chlorine was observed.

Field Operations

No Ops Log entries for this reporting period

Exercises

No exercises for this reporting period

Chris Ruhl

USEPA R6 Emergency Response Team Leader

Federal On Scene Coordinator

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